



02 Apr 1915

The Missouri Miner, April 02, 1915

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THE MISSOURI MINER

Missouri School of Mines and Metallurgy, Rolla, Mo.

Vol. 1, No. 10

Friday, April 2, 1915

Price 5 Cents.

COPELAND BANQUET.

**Big Affair to be Held in Mechanical Hall
Tuesday Night, April 6.**

After several postponements the big banquet given by the Rolla Commercial Club and the Faculty and Students of the School of Mines will be held in Mechanical Hall on Tuesday night, April 6th.

The banquet is to be given in honor of the newly appointed Director, D. Copeland, and those instrumental in the passing of the bill conferring upon the school the power of granting degrees in Mechanical, Electrical and Chemical Engineering.

Under the leadership of Mr. P. H. McGregor, President of the Commercial Club, elaborate plans are being made. The committees are hard at work. The invitation committee has been notified that some of the best speakers in the state will be on hand; the entertainment committee promises something novel and high class in that line and the banquet committee is fixing a menu of the best the market affords. Every effort is being made to make this banquet eclipse the famous football banquet of last year.

The committees in charge are as follows:

Invitation Committee: S. L. Baysinger, L. H. Breuer, B. H. Rucker.
Entertainment Committee: J. G. Campbell, M. F. Faulkner, C. L. Woods.
Music Committee: J. H. Smith, C. M. Knapp, L. E. Garrett.
Banquet Committee: J. A. Spilman.

Continued on Eighth Page.

ELECTRICAL ENGINEERING.

**Outline of New Course Granting Degree of
Electrical Engineering.**

Under the Buford Bill recently passed by the Legislature, the School of Mines will confer the degree of Bachelor of Science in Electrical Engineering. The curriculum has been arranged, and things are being put in readiness for handling the new courses next year. The school is well equipped for this work. Dr. A. L. McRae, Professor of Physics, and G. R. Dean, Professor of Mathematics, are both trained electrical men, and the work will be handled largely by them. Mr. Frame and Mr. Duffy, new men on the Faculty this year, will also be in charge of a large amount of the work.

The course, which is arranged to apply particularly to electrical engineering in the mining field, is as follows:

FRESHMAN YEAR.

Same as in Mining and Metallurgy.

SOPHOMORE YEAR.

First Semester.

No.	Course.	Credit Hours.
2a	Field Practice.....	5
3a	English Prose.....	3
9a	Diff. Calculus.....	4
11a	Int. Calculus.....	3
	Mechanisms.....	3
7a	German.....	3
11a	French.....	3
15a	Spanish.....	3
3a	Physics.....	4
4a	Physics Laboratory.....	1.5
4a	Machine Drawing.....	3

Second Semester.

3b	English Prose.....	3
11b	Int. Calculus.....	5
13b	Differential Eq.....	5

Continued on Fourth Page.

THE MISSOURI MINER.

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HEMAN BASKET BALL CAPTAIN.

Seven Men Receive Letters.

The Athletic Board has awarded basket ball emblems to the following members of the 1915 basket ball squad: Maher, Capt.; Heman, Kamp, Dover, Pearman, Nevin and Blair.

At a meeting of these men last week, Fred Heman, star forward, was selected as captain for next year. "Fritz" is a member of the Class of 1916 and has served three years on the squad. During this time he has developed into a skillful, heady player. His home is in Fort Dodge, Iowa.

Coach Dennie, under whose former direction M. S. M.'s best basket ball teams were turned out, should have a winning team next year. All the "M" men with the exception of Maher will be back.

HEMAN TO LEAD TRACK TEAM.

Fred Heman will also captain another Miner team. At a recent meeting of the "M" men of the track squad he was selected to lead the Miners on the cinder path this spring. He fills the position left vacant by Gerard Cowman, Missouri Valley Conference champion quarter-miler, who has left school and is now running under the colors of the Kansas City Athletic Club.

Heman is the star half-miler of the squad. In his Freshman year he won that event in the annual interclass meet. Last year in the dual meet with Drury he won the half in fast time. He is also a point winner in the quarter, hurdles and relay.

A large number of men are out for track and the outlook is very promising. A triangular meet with Drury and Springfield Normal has been arranged to be held in Springfield some time in May. The annual interclass meet will probably be held on April 24. In addition, a team will be sent to the Missouri Valley Conference meet at Columbia in May.

THE MISSOURI MINER.

SCHOOL OF MINES CONTROVERSY ENDS.

Directors Declare New Law as to Degrees Will Not Affect University of Missouri.

St. Louis Republic.

The recent controversy over enlarging the powers of the School of Mines and Metallurgy at Rolla, instigated by the Buford bill, has terminated satisfactorily, according to Dr. S. L. Baysinger, Durward Copeland and Edward Kahlbaum, who were at the Planters Hotel yesterday attending a meeting of directors of the institution.

The new law, which gives the Rolla school the right to confer additional engineering degrees, was opposed by some of the Board of Curators of the University of Missouri.

"We all got off at a tangent on this bill," says Dr. Baysinger, "and when it was all over we found it was merely a tempest in a teapot."

"The new law will not affect the State University in the least, and will not increase our quota of students. We have tentatively outlined the new engineering courses, which will be catalogued at the fall session of the school."

A Problem in Hydraulics.

He: What did your father say when you told him that my love was like a rushing river?

She: Dam it.—Ex.

BASE BALL.

First Game of Season.

MINERS

vs.

NEWBURG

Saturday Afternoon.

Jackling Field.

The Miners are showing great form; come out and give them your support.

SOPHOMORE HAPPENINGS.

C. W. Hippard, B. E. Tate, H. A. Kluge and J. K. Walsh are spending the week in St. Louis and vicinity.

A card of thanks was received from Mrs. H. Cowen and children, of Beardstown, Ill., for the floral piece sent by the class of 1917 after Mr. Cowen's death.

It has been reported that Albert Blair is eating three meals per day at the Baltimore. Can you solve the mystery?

After George Kublin had taken an exam in chemistry, he wrote in an English paper: "The English language is the result of corrosion of French and Anglo-Saxon."

Prof. Harris in Contracts: Mr. Bayha, give me a definition of a nuisance.

Bayha: Well, when you live in a house with a fellow who thinks he can play the violin, and plays until midnight each night, that is a nuisance.

After the evening's study is done
drop into

The Elite

for a Sandwich or an Oyster Stew.

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THE MISSOURI MINER.

THE MISSOURI MINER

A weekly paper published in the of interest the Alumni, Students, and Faculty of the Missouri School of Mines and Metallurgy.

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ELECTRICAL ENGINEERING.

Continued from First Page.

No.	Course.	Credit Hours.
7b	German.....	3
11b	French.....	3
15b	Spanish.....	3
1b	General Physics.....	4
2b	Physics Laboratory.....	1.5
	Steam Boilers.....	3
10b	Electrical Laboratory.....	3
4b	Machine Drawing.....	3
18b	Machine Shop.....	1.5
JUNIOR YEAR.		
First Semester.		
15a	Statics.....	3.5
17a	Mechanics of Materials.....	2
5a	Thermodynamics.....	3
6a	Steam Laboratory.....	1.5
7a	Electrical Machinery.....	2
8a	Electrical Machinery Lab.....	1.5
11a	Principles of E. E.....	3
12a	Dynamo Laboratory.....	1.5
18a	Machine Shop.....	3
	Elective.....	
Second Semester.		
9b	Hydraulics.....	3
10b	Hydraulic Problems.....	1.5
19b	Mechanics of Materials.....	2
20b	Materials Laboratory.....	1.5
21b	Dynamics.....	2
	Iron and steel.....	2
	Metallography of Alloys.....	2.5
7b	Electrical Machinery.....	2
8b	Electrical Machinery Lab.....	1.5
11b	Principles of E. E.....	3
12b	Dynamo Laboratory.....	1.5
	Elective.....	
SENIOR YEAR.		
First Semester.		
13a	Advanced Alternating Currents..	5
19a	Electric Distribution.....	5
	Designing.....	2
	Designing.....	3
	Elective.....	11
Second Semester.		
13b	Advanced Alternating Currents..	5
17b	Power Plants.....	2
16b	Power Plant Tests.....	1.5
19b	Electric Railways.....	5
	Thesis.....	3
	Elective.....	9.5

Director Copeland, Dr. S. L. Bay-singer and Mr. Kahlbaum attended a meeting of the Executive Committee of the School of Mines at the Planter's Hotel in St. Louis last Saturday.

THE MISSOURI MINER.

PERSONALS.

Ask Dunham for the definition of "Ameliate."

Rollamo Picture Show, Parker Hall, Friday and Saturday nights.

E. A. Weiberg, '16, is spending Easter at his home in Springfield, Ill.

A large number of delegates are in town for the Kappa Sigma Conclave of District XII.

Coach F. E. Dennie arrived in Rolla Thursday night. He will take charge of the baseball squad at once.

Frank Carmack, a former student at St. John's Military Academy, was a guest at the Kappa Alpha House this week.

The Kappa Sigma Conclave this week is that of District XII, instead of District VII, as given in last week's Miner.

The Rollamo announces Edgar C. Raine in an illustrated lecture on Alaska, Parker Hall, Saturday evening, April 10.

Robert N. Copeland, '11, will arrive in Rolla Saturday. He will spend some time here doing some special experimental work.

Ed Schuman, ex-'16, now a student in the law school at the University of Missouri, will arrive home Saturday to spend Easter with his parents, Chas. Schuman and wife.

C. R. Mize, a student in the College of Agriculture, left to-day for a week-end visit at Mexico.—University Missourian, March 26.

Mr. Mize was formerly a member of the Class of 1916.

Hoffman, Schnitzer and Metz, M. S. M. men now with the Atlas Portland Cement Co., at Hannibal, Mo., have invited the Class of 1916 to stop over in Hannibal on their way west on the annual trip this spring, and inspect the works of the Atlas Company.

FRESHMAN COLUMN.

Benj. Nichols is in the hospital receiving treatment for heart trouble.

Freshmen class meeting next Tuesday, April 6, at 4:15 in room 109, Norwood Hall. All bills should be presented at this meeting. Everybody out.

Now comes somebody with the query: "Why does 'Irish' hang around the organ at the Mission?"

Quite a number of Freshmen have secured jobs in various branches of mining for the summer.

A Freshman's Philosophy: Lessons are to give light, but oh how seldom we get light lessons.

Ingram in Chemistry: Now, boys, look up way back in your Noyes and see the effects of H₂S in the whole group.

1st Freshman: Who is that "Mr. Rollamo" they talk so much about?
2nd Freshman, (in perplexed tone): I'm sure I don't know unless he is some old graduate.

HELLO!

Meet me at

Charlie's Billiard Hall,

and I'll bowl you a game.

Home, Sweet Home, January 30, 1915.
My Dear Son:—

I received your letter about that awful fire in Rolla and am so much relieved to know that you escaped with only a few bruises and the loss of your clothes, books, instruments, etc

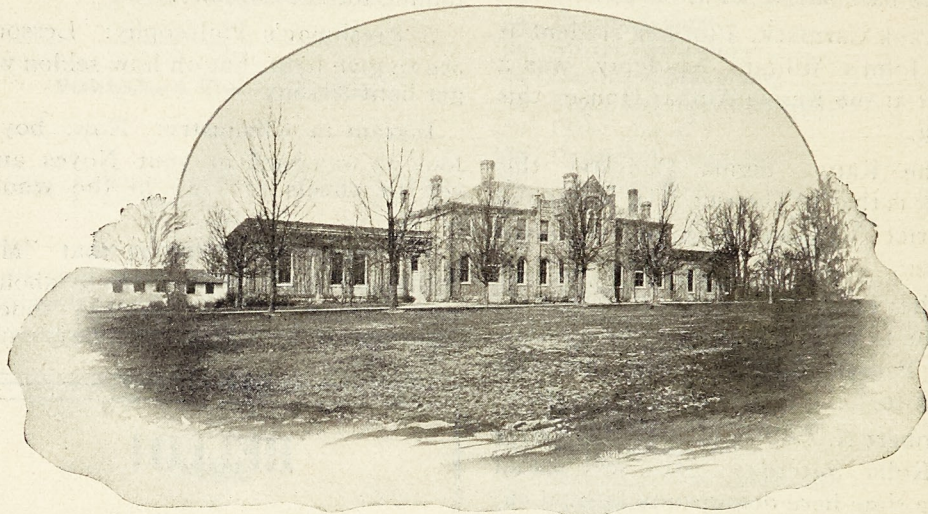
Just as soon as you get located, be sure and have B. H. RÜCKER write fire insurance to cover everything you have, and if you can spare the amount from your allowance, you ought to take a little life insurance also.

Yours affectionately,
MOTHER.

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THE MISSOURI MINER.

ALUMNI NOTES.

C. W. Hall, '14, Marries.

Cards have been received in Rolla announcing the marriage of Mr. Clyde Willis Hall to Miss Fannie Estelle Mitchell at Price, Utah, Saturday, June 27, 1914. The announcement came as a surprise to their many friends in Rolla. Mrs. Hall is a daughter of C. H. Mitchell and wife of this city. Mr. Hall, or Bill as he was familiarly known, graduated from M. S. M. in 1914 and is now engineer for the Yoquivo Development Co., Minaca, Chih., Mexico.

J. N. Webster, '14.

Hurley, New Mexico.
March 4, 1915.

Missouri Miner,
Rolla, Mo.
Gentlemen:

Enclosed find money order for 75 cents for the remaining issues of the Missouri Miner. Mighty glad to know that such a publication is well under way and sincerely hope it may continue during the years to come.

You may count on my support towards anything good for Missouri Miner.

Yours truly,
John N. Webster.

H. A. Roesler, '03.

In the Engineering and Mining Journal for March 13 appears an article by H. A. Roesler on "Size of Products from Square and Round Hole Screens." Mr. Roesler graduated from M. S. M. in 1903 and is now mill superintendent, Vinegar Hill Zinc Co., Plattsville, Wis.

D. M. Kline, '12.

D. M. Kline, '12, who has been assayer for the Buckhorn Mines Co., at Buckhorn, Eureka Co., Nevada, for over a year, left March 20 for Juneau, Alaska, to work at the Alaska-Gastineau.

Elmer List, '10.

Elmer List, '10, is a new subscriber to the Miner. Mr. List is metallurgist for the Granby Mining & Smelting Co., Neodesha, Kansas.

G. F. Metz, '14.

Hannibal, Mo.

Missouri Miner,
Rolla, Mo.
Gentlemen:

Have received all the copies of the Missouri Miner to date and as my months sample subscription has run out, I am enclosing a check for \$1.00 for the rest of the 1915 subscription. Am mighty glad to see the "Old Time Pep" as "Eggie" Miller used to call it, revived. A weekly paper is certainly what M. S. M. has needed, not only for the students but for the alumni. It brings back the good old days. Certainly was sorry I couldn't be with you on St. Pat's Day as I see by the paper that he eclipsed all others. He must have been going some if he outclassed the 1913 celebration but that's what we all say so here's to a better one in 1916.

Wishing the board continued success in their efforts with the Missouri Miner, I am, as ever

G. F. Metz,

Engineer, Atlas Portland Cement Co.

T. A. Stroup, '12.

Thomas A Stroup, '12, is spending a few days in Rolla. Mr. Stroup has been Canadian representative for the Jeffrey Mfg. Co., of Columbus, Ohio, but will now travel in the southwest for the same company.

D. C. JACKLING, '92.

D. C. Jackling will start soon on a trip to inspect the property of the Alaska Gold Mines Co. in Alaska. E. & M. J., March 20, 1915.

Sporting Goods.

See Smail for Sporting Goods.

Will order anything in this line.

Smail's Smoke Shop.

THE MISSOURI MINER.

GRUBSTAKER NOTES.

Realizing that the success of a school paper depends upon the co-operation of all the students of the school, the Grubstakers have elected a man to represent them and to submit to the editors of the Missouri Miner all items and news which will be of interest to the readers of the paper. We also realize that it is a very difficult undertaking for the editors to gather and prepare all the news for the paper, and we trust that our contributions will be of assistance to them and thereby lessen their work. With these points in view we will submit once a week for the editor's approval all the news items we can gather.

S. R. Hatch, ex-'14, after a stay of three months in Rolla has departed for George County, Iowa. Senator will work on highway bridges for the Iowa State Highway Commission.

Harry Sides has been elected a member of the Grubstakers. Harry has recently returned from Egypt where he was churn drilling for the British Government.

Earl Wieberg was paid a visit by his mother, Mrs. E. A. Weiberg, and sister of Springfield, Ill., Sunday.

Mr. Anton F. Karte, '11, of DeSoto, Mo., an old Grubstaker, was in town to attend the funeral of George Marling.

COPELAND BANQUET.

Continued from First Page.

J. H. Bowen, C. R. Forbes, A. W. Gleason and the stewards of the fraternities and eating clubs. Decoration Committee: R. R. Dickerson, J. J. Allen, Ernest Sease.

The banquet will start at 9 p. m. Tuesday, April 6, at Mechanical Hall. Tickets are \$1.50 on sale at the Drug Stores and Bentleys and by members of the committees.

EXCHANGES.

We are pleased to receive "The Daily Nebraskan," the publication of the University of Nebraska. It is a splendid daily well written, and with lots of good college news in it. We will be glad indeed to receive more like the "Nebraskan".

Iowa won the state championship of the Iowa State Gymnastic Association Tuesday for the second time in three years. The meet was held at Ames, in competition with Ames, Cedar Falls and Luther.

In a recent issue of the Dartmouth college daily, an editorial appears against the profane cursing heard around the campus. One can well imagine to what extent "loose language" is indulged in from the statement that "were the nearest woman twenty miles away she might well blush at the tempest of so-called strong expressions with which the men of the college greet a friend in the street." We Miners can afford to take this to heart, and ease up on some of our "talk".

J. A. SPILMAN

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